

Abstract of the Disclosure

A lithium secondary battery comprising a case, an internal electrode body inside the case, electrolyte contained in the case, and an insulator between the case and a terminal. Also, a lithium secondary battery comprising a body member, electrolyte contained in the body member, an internal electrode body inside the body member, an end cap and an insulator between the body member and the end cap. In each battery, the internal electrode body comprises a positive electrode, a negative electrode and a separator between the electrodes, the electrodes being electrically insulated from each other. In each battery, a first terminal is electrically connected to the negative electrode, and a second terminal is electrically connected to the positive electrode. The insulator comprises ethylene-propylene rubber, has surface hardness of from 30 (durometer A) to 60 (durometer D), and has volume resistivity of at least  $10^{10} \Omega\text{-cm}$ .